

Title (en)

Device for 3D dose tracking in radiation therapy

Title (de)

Vorrichtung für 3D-Dosisverfolgung in der Strahlungstherapie

Title (fr)

Dispositif pour le suivi de dose 3D dans la thérapie par rayonnement

Publication

EP 2116278 A1 20091111 (EN)

Application

EP 08155748 A 20080506

Priority

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Abstract (en)

The present invention relates to a method and device for verification of the quality of a radiation beam in conformal radiation therapy, and in particular for IMRT (Intensity Modulated Radiation Therapy) applications. The actual 3D dose distribution in the patient is tracked during the course of the entire treatment by reconstructing the photon fluences from measured 2D detector responses during irradiation in conjunction with updated patient images.

IPC 8 full level

A61N 5/10 (2006.01)

CPC (source: EP KR US)

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A61N 5/1048 (2013.01 - EP US)

Citation (applicant)

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AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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